

**SOUTH AUSTRALIAN SOCIETY OF MODEL
& EXPERIMENTAL ENGINEERS**

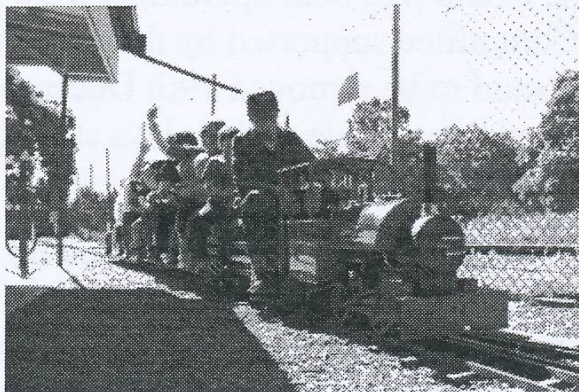
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Public Field Day 1st December 2015

By John Foster

As the temperature exceeded 35°C the field day was cancelled in accordance with club policy.

Boat Pond Cleaning 16th December 2015

The pond was last cleaned about 15 years ago. Since then it had accumulated a layer of mud, chiefly dust and decomposing leaves and duck droppings up to about 200mm in some areas. This mud supported a prolific growth of weed with to the extent that boat operations were becoming difficult. The Committee supported by the membership arranged for the mud to be removed 19th December 2015. This date happened to coincide with 4 days straight of temperatures in excess of 40°C

Veolia trucks arrived early on the 16th to suck up the mud and dispose of it. By lunch time the water was at a level that they were able to start moving mud. In all 11 tonne of mud was removed. On the 17th another 11 ton mud was removed. On Monday 21st December a crew of members shovelled and disposed of the remaining mud around SASMEEto completed the job.

Members involved in the whole project were Josh Driscoll, Cameron Dicker, Brenton Dicker, Jeff Schaefer, Michael Offler, Alan Saunders, Michael Priest, Austin Stranger, Toni Offler, Jackie Monte, John Monteodorisio, Bryan Homan, Jeff During, Trevor Morcom, Bob Smith, Max Shuard and John Foster. Suggestions for future cleaning are:

- The pond can stay relatively dry for quite some time without harm or cracking (underneath is quite wet)
- Empty pond entirely to let mud to dry
- Considering hiring a contractor with a mini-digger with a roller guided blade to scrape the mud towards the road way
- When the mud is dry it is very light,

- The crew found picking up the dry mud really easy, it was the wet mud which bogged them down.

Refilling of the pond commenced at 4Pm that Monday.



Michael Moyse and Bryan Homan at the Pump, Bob Smith and Trevor Morcom assisting



Sucking up the Mud

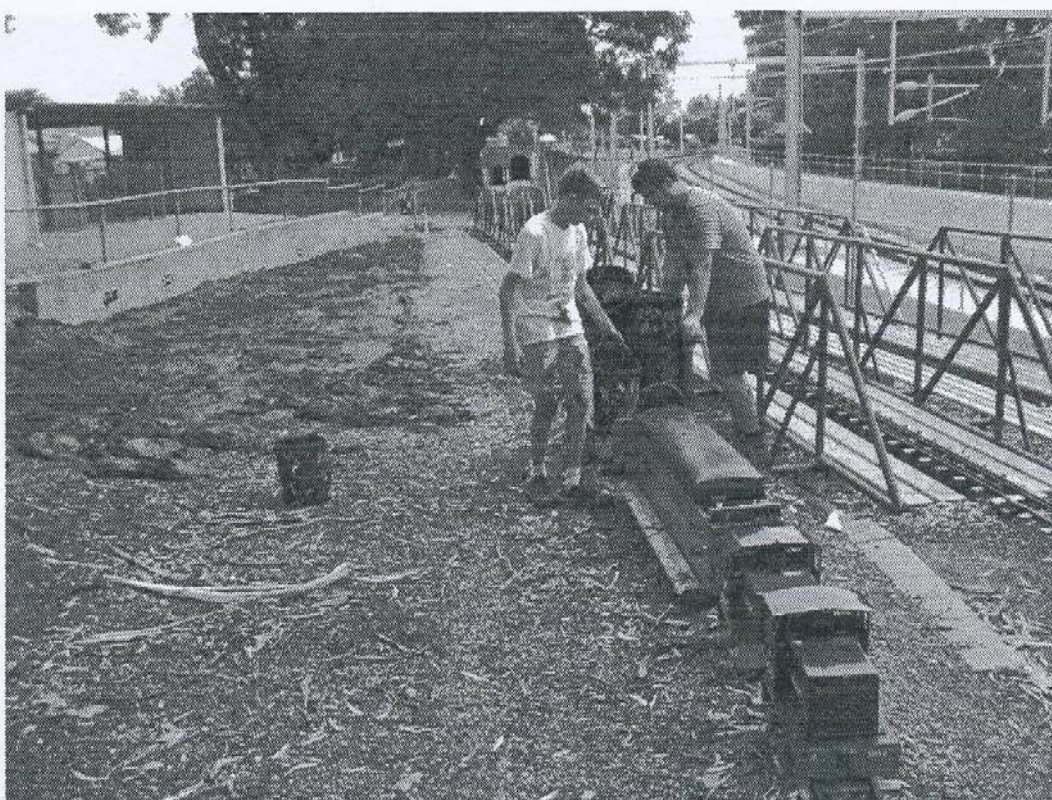
Toni and Mike Offler having a break, Jeff Schaefer photographing Austin in the lily pond.



Trevor Morcom steering with Austin, John Foster and Ralph Ollerenshaw pulling the Jeff During grader.



What we did with the water



Moving the mud



Monteodorisio, Mike Offler and Ralph Ollerenshaw



"No Mum I won't get dirty"

Christmas Party 20th December 2015

With 42⁰C forecast for Saturday 19th a decision was made to shift the party to the following Sunday. This was a great decision as attendance was the best for many years. About 110 people for the bbq and the weather turned out to be just right, not too warm and for a change not wet as has been the case in the past. One small dram, the BBQ flared up and made more smoke that Ralph can achieve at any time. Quick action by President Monteodorisio with a fire extinguisher saved the day or at least the sausages. Festivities continued until about 11-40 PM. A great event and many thank to all involved in then canteen and in cooking.

Public Field Day 3rd January 2016-01-04

What a great day for our first field day for the year. 25 C and bright sunshine with over 350 members of the public attending 47 members. We had seven 71/4 gauge trains, five 5 inch trains, eight boats and five G gauge trains.

While the 5 inch station had fairly long queues the 71/4 with so many trains and all pulling two large riding cars or even the station seemed disserted at times. Almost as soon as people arrived they were loaded and on their way.

The Canteen did well with the ladies busy all afternoon. Thankyou Jackie, Libby, Toni and Dawn.

The new moving footwear signs drew attention. As one family went through gate and were told covered footwear was required on trains, they pointed to the sign and said we just found out.

Playnight 12th January 2016

The first meeting night of the year is always given over to a playnight rather than a General meeting. When the gates were opened at 4 PM thing looked grim with a temperature of 39C but by the time most arrived at around 5PM the sting had gone out of the day and the enthusiasm of members overcame any discomfort.

In all we had 54 members and friends attend with visitors from Roseworthy, Morphett vale, and Penfield clubs. Little Juliet represented the only 31/2" loco but was supplemented by 7 5" and four 71/4 locos. Six boats sailed the pond and one G gauge operated gamely all night regularly circulating.

Dinner was provided by SASMEE with sausages, patties, grilled onions on bread washed down with cold drinks, tea and coffee.

The 5" drivers finished up at around 12 o'clock but a couple of the 71/4" drivers, primarily Brenton and Cameron Dicker stayed on until 3AM. I guess when you are keen you are keen, or something.

Public Field day Saturday 16th January 2016

A very pleasant day with around 300 guests, 47 members with eight boats, two G gauge trains, seven 5" locos and three 71/4" locos. With the 5" line we almost had congestion but it served to move the guests quickly and provide plenty of rides. An interesting boat not seen for some years was Max Shuard Chinese Junk. A lovely model being a nice change from the usual freighters and speed boats.

Naming Rights

Future street directories will indicate the entrance to the Club by the inclusion of, **SASMEE LANE**. The pristine street sign is attached to the Stobie pole at the top of the lane leading to the ticket box. Background to the naming in the next Bulletin. Wonder how many clubs have a thoroughfare named after them?

WORK SHOP TOPIC.

By Bill Coles

One is sometimes faced with the requirement to set an angle in a work piece prior to drilling/milling etc. "Eyeballing" or setting to a scribed line are alternatives when the application of a protractor can't be applied. Faced with this application on numerous occasions, and in many cases the need for a "higher" degree of accuracy I looked around for tooling alternatives.

I purchased a "Bevel Box" [trade name] . This enclosed battery powered device gives readings in a visual form of 0.1 of a degree. [6 minutes of arc.] Some 50mm x 25 thick and fitted with 2 rare earth magnets for convenient work piece attachment the device is very convenient to use. Having pressed the ON button you calibrate to a recognised datum, example, the mill table, calibration will show a 0-0 reading. Place the device on the workpiece and you see an actual reading within its 0-90 degree range. Plus and minus readings tell you which way to move to achieve the desired angular setting.

Having checked the readings indicated by the device against a master standard I have found the unit to be extremely reliable.

This type of unit is used by the wood worker to set saw blades to miter settings etc. They are available both locally and online.



Garden Railway.

By Max Shuard.

In the following series of articles, some of the principles and practices of Garden Railways will be discussed. To start at the very beginning, gauge and scale are about as complex as you care to make them.

At SASMEE we have both 45 mm and 32 mm track. This caters for a wide range of scales.

45 mm

- Gauge 1 UK. 10mm:1 foot. 1:30.5. SG rollingstock
- Gauge 1 US. ¼ inch:1 foot. 1:32. SG rollingstock
- ½ inch Gauge US. ½ inch:1 foot. 1:24. NG rollingstock.
- 'G' Gauge. 13.5mm:1 foot. 1:22.5. NG rollingstock.
- 5/8 inch Gauge 5/8 inch:1 foot. 1:19.2 NG rollingstock.
- SM45. 16 mm :1 foot. 1:19. NG rollingstock.
- 7/8 inch Gauge. 7/8 inch:1 foot. 1:13.7. NG for 2 foot gauge prototype rollingstock.

Note, just to make life interesting, many common 'G' gauge models are actually 1:20.3, which represents 3 foot gauge prototype rollingstock. Bachmann and LGB are two cases.

32 mm

- Gauge O UK. 7mm:1foot. 1:43.5. SG rollingstock.
- Gauge O Europe. 6.8mm:1 foot. 1:45. SG rollingstock.
- Gauge O US. 1/4 inch:1 foot. 1:48. SG rollingstock.
- SM 32. 16mm:1foot. 1:19. NG rollingstock.

In the next article, we will discuss types of motive power.

SASMEE Bore Pump situation.

Prior to Xmas 2015 the bore pump stopped working. A condition of overload tripping on two occasions indicated a fault. Mega testing of the electrical system indicated a major fault. An order was placed for a replacement pump. The pump, which is suspended on a stainless steel cable was pulled to the surface [from a depth of some 30 metres] and evaluated for defects by Michael Moyse.

The problem turned out to be at a secondary electrical joint above the pump which had allowed a degree of dampness to enter and trip an overload situation. [the cable is fully submerged within the bore hole.]

The new pump has been installed. Electrical cables and connections to current state of the art standards has been fitted and fully tested. The new pump has a 25 year guarantee. Pumping resumed to refill the boat pond.

The original pump will be boxed up, clearly identified with the back ground to the 2015 situation and secured in a defined location.

Riding truck conformance and certification.

Both Club and private riding trucks is currently being undertaken by Kingsley Martin, riding car inspector. Members are reminded that certification to AALS and Club standards for the period February 2016 -2018 is mandatory if they are to carry passengers. This certification valid for within SASMEE and AALS affiliated clubs.

Members are urged to speak to Kingsley to set up a mutual time to have their units evaluated to avoid non compliance.

Wanted.

A club member to undertake the reporting of club activities on field days [brief overviews] and so allow the long-time compiler John Foster to spend more time on the boat pond, and members to give some thought to writing an article of interest/workshop/question/experience etc etc for inclusion in the Bulletin. One sheet of A5 [or more] using normal borders would make the Bulletin much more interesting. Contact Bill Coles for any queries.

SASMEE OFFICE BEARERS AND COMMITTEE FOR THE PERIOD 2014 – 2015

President: John Monteodorisio 0409838494 or 8276 4675

Vice President: John Foster. 0419810478 or 8336 3119

Secretary: Ian Foster. 8381 3030

Minute Secretary: David Hawkins. 8371 1350

Accounts. Mary Homann

Committee:

John Beal. 8297 2314

Michael Offler. 8276 2360

Trevor Hill. 8337 9057

Boiler Inspectors:

Bryan Homann. 8390 1925

John Monteodorisio. 8276 4675

Canteen Management:

John & Jackie Monteodorisio.

Library:

John Davey & Bill Coles.

Auditors: Michael Moyse, Graham Gaetjens.

Patron: Lachlan Cline, Mayor of Unley City.

Vice Patron: Bernie Dickinson. BA CPEng. FIE Aust. FI Mar. EST.

SASMEE Bulletin: Editor, Bill Coles, 8296 2167,
Email, bjhove@internode.on.net

SASMEE Postal Address, PO Box, 208 Goodwood. SA 5034